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<!--StartFragment-->RESULT 2
ABT07740
     ABT07740 standard; DNA; 2119 BP.
XX
AC
     ABT07740:
YY
XX
     Breast cancer-associated gene sequence 48.
хх
KW
     Gene; ds; breast cancer; breast cancer-associated gene sequence;
KW
     drug development; pharmacogenetics; biosensor development.
XX
     Unidentified.
XX
     W0200259377-A2.
XX
     01-AUG-2002.
хx
     24-JAN-2002; 2002W0-US002242.
XX
     24-JAN-2001: 2001US-0263965P.
     09-APR-2001; 2001US-00829472.
     09-APR-2001; 2001US-0282698P.
     04-MAY-2001; 2001US-0288590P.
     29-MAY-2001; 2001US-0294443P.
XX
PA
     (EOSB-) EOS BIOTECHNOLOGY INC.
XX
     Mack DH, Gish KC, Afar D;
XX
     WPI: 2002-583738/62.
DR
    N-PSDB; ABJ05583.
XX
     Detecting a breast cancer-associated transcript in a patient's cell.
     useful for diagnosing breast cancer, comprises contacting a biological
     sample with a polynucleotide that selectively hybridizes with breast
     cancer nucleic acids.
XX
     Claim 9; Page 388-389; 414pp; English.
XX
     The invention comprises a method of detecting a breast cancer-associated
     transcript in a cell from a patient. The method of the invention involves
     contacting a biological sample from the patient with a nucleotide that
     hybridises to one of the 69 breast cancer-associated gene sequences shown
     in the specification. The method of the invention is useful in the
     diagnosis or prognosis of breast cancer, and for detecting genes that are up or down-regulated in breast cancer cells. Genes identified by the
     method of the invention can be used in diagnostic purposes and also as
     targets for screening for therapeutic compounds that modulate breast
     cancer (e.g. hormones or antibodies). Identification of genes that are
     over or under expressed in breast cancer can additionally provide high-
     resolution, high-sensitivity datasets which can be used in the areas of
     diagnostics, therapeutics, drug development, pharmacogenetics, protein
     structure and biosensor development. DNA sequences ABT07693 - ABT07761
     represent the 69 breast cancer-associated gene sequences of the invention
XX
     Sequence 2119 BP; 646 A; 389 C; 492 G; 592 T; 0 U; 0 Other;
  Ouerv Match
                         100.0%; Score 2119; DB 6; Length 2119;
  Best Local Similarity 100.0%; Pred. No. 0;
                                0; Mismatches
 Matches 2119; Conservative
                                                                           0;
                                                 0; Indels
                                                              0: Gans
QV
            61 GTTCCTGGTCCCTGGAGCTCCGCACTTGGCGCGCAACCTGCGTGAGGCAGCGCGACTCTG 120
          61 GTTCCTGGTCCCTGGAGCTCCGCACTTGGCGCGCAACCTGCGTGAGGCAGCGCGACTCTG 120
          121 GCGACTGGCCGGCCATGCCTTCCCGGGCTGAGGACTATGAAGTGTTGTACACCATTGGCA 180
Db
          121 GCGACTGGCCGGCCATGCCTTCCCGGGCTGAGGACTATGAAGTGTTGTACACCATTGGCA 180
```

Qy Db	181 181	CAGGCTCCTACGGCCGCTGCCAGAAGATCCGGAGGAAGAGTGATGGCAAGATATTAGTTT	240 240
Qy	241	GGAAAGAACTTGACTATGGCTCCATGACAGAAGCTGAGAAACAGATGCTTGTTTCTGAAG	300
Db	241	GGAAAGAACTTGACTATGGCTCCATGACAGAAGCTGAGAAACAGATGCTTGTTTCTGA	300
Qy	301	TGAATTTGCTTCGTGAACTGAAACATCCAAACATCGTTCGT	360
Db	301	TGAATTTGCTTCGTGAACTGAAACATCCAAACATCGTTCGT	360
Qy	361	ACCGGACCAATACAACACTGTACATTGTAATGGAATATTGTGAAGGAGGGGATCTGGCTA	420
Dib	361	ACCGGACCAATACAACACTGTACATTGTAATGGAATATTGTGAAGGAGGGGATCTGGCTA	420
Qy	421	GTGTAATTACAAAGGGAACCAAGGAAAGGCAATACTTAGATGAAGAGTTTGTTCTTCGAG	480
Db	421	GTGTAATTACAAAGGGAACCAAGGAAAGGCAATACTTAGATGAAGAGTTTGTTCTTCGAG	480
Qy	481	TGATGACTCAGTTGACTCTGGCCCTGAAGGAATGCCACAGACGAAGTGATGGTGGTCATA	540
Db	481	${\tt TGATGACTCAGTTGACTCTGGCCCTGAAGGAATGCCACAGACGAAGTGATGGTGGTCATA}$	540
Qy	541	CCGTATTGCATCGGGATCTTAAACCAGCCAATGTTTTCCTGGATGGCAAGCAA	600
Db	541	CCGTATTGCATCGGGATCTTAAACCAGCCAATGTTTTCCTGGATGGCAAGCAA	600
Qy	601	AGCTTGGAGACTTTGGGCTAGCTAGAATATTAAACCATGACACGAGTTTTGCAAAAACAT	660
Db	601	AGCTTGGAGACTTTGGGCTAGCTAGAATATTAAACCATGACACGAGTTTTGCAAAAACAT	660
Qy	661	$\tt TTGTTGGCACACCTTATTACATGTCTCCTGAACAAATGAATCGCATGTCCTACAATGAGA$	720
Db	661	TTGTTGGCACACCTTATTACATGTCTCCTGAACAATGAATCGCATGTCCTACAATGAGA	720
Qy	721	${\tt AATCAGATATCTGGTCATTGGGCTGCTTGCTGTATGAGTTATGTGCATTAATGCCTCCAT}$	780
Dib	721	AATCAGATATCTGGTCATTGGGCTGCTTGCTGTATGAGTTATGTGCATTAATGCCTCCAT	780
Qy	781	$\verb TTACAGCTTTTAGCCAGAAAGAACTCGCTGGGAAAATCAGAGAAGGCAAATTCAGGCGAA \\$	840
Dib	781	TTACAGCTTTTAGCCAGAAAGAACTCGCTGGGAAAATCAGAGAAAGCAAATTCAGGCGAA	840
Qy	841	TTCCATACCGTTACTCTGATGAATTGAATGAAATTATTACGAGGATGTTAAACTTAAAGG	900
Db	841	TTCCATACCGTTACTCTGATGAATTGAATTATTATTACGAGGATGTTAAACTTAAAGG	900
Qy	901	ATTACCATCGACCTTCTGTTGAAGAAATTCTTGAGAACCCTTTAATAGCAGATTTGGTTG	960
Db	901	ATTACCATCGACCTTCTGTTGAAGAAATTCTTGAGAACCCTTTAATAGCAGATTTGGTTG	960
Qy	961	CAGACGAGCAAAGAAGAAATCTTGAGAGAAGAGGGGGGACAATTAGGAGAGCCAGAAAAAT	1020
Db	961	CAGACGAGCAAGAAGAAATCTTGAGAGAAGAGGGCGACAATTAGGAGAGCCAGAA	1020
Qy	1021	CGCAGGATTCCAGCCCTGTATTGAGTGAGCTGAAACTGAAGGAAATTCAGTTACAGGAGC	1080
Db	1021	CGCAGGATTCCAGCCCTGTATTGAGTGAGCTGAACTGAA	1080
Qy	1081	GAGAGCGAGCTCTCAAAGCAAGAAGAAGAAAGATTGGAGCAGAAAGAA	1140
Db	1081	GAGAGCGAGCTCTCAAAGCAAGAGAAGAATTGGAGCAGAAAGAA	1140
Qy	1141	TTCGTGAGAGACTAGCAGAGGACAAACTGGCTAGAGCAGAAAATCTGTTGAAGAACTACA	1200
Db	1141	TTCGTGAGAGACTAGCAGAGGACAAACTGGCTAGAGCAGAAAATCTGTTGAAGAACTACA	1200
Qy	1201	GCTTGCTAAAGGAACGGAAGTTCCTGTCTCTGGCAAGTAATCCAGAACTTCTTAATCT	1260
Db	1201		1260
Qy	1261	CATCCTCAGTAATTAAGAAGAAAGTTCATTTCAGTGGGGAAAGTAAAGAGAACATCATC	1320
Db		CATCCTCAGTAATTAAGAAGAAAGTTCATTTCAGTGGGGAAAGTAAAGAGAACATCATGA	

Qy Db		GGAGTGAGAATTCTGAGAGTCAGCTCACATCTAAGTCCAAGTGCAAGGACCTGAAGAAAA	
Qy		GGCTTCACGCTGCCCAGCTGCGGGCTCAAGCCCTGTCAGATATTGAGAAAAATTACC	
Db	1381	GGCTTCACGCTGCCAGCTGCGGGCTCAAGCCCTGTCAGATATTGAGAAAAATTACCAAC	1440
Qy	1441	TGAAAAGCAGACAGATCCTGGGCATGCGCTAGCCAGGTAGAGAGACACAGAGCTGTGTAC	1500
Db	1441	${\tt TGAAAAGCAGACAGATCCTGGGCATGCGCTAGCCAGGTAGAGAGACACAGAGCTGTGTAC}$	1500
QУ	1501	${\tt AGGATGTAATATTACCAACCTTTAAAGACTGATATTCAAATGCTGTAGTGTTGAATACTT}$	1560
Db	1501	AGGATGTAATATTACCAACCTTTAAAGACTGATATTCAAATGCTGTAGTGTTGAATACTT	1560
QУ	1561	GGCCCCATGAGCCATGCCTTTCTGTATAGTACACATGATATTTCGGAATTGGTTTTACTG	1620
Dib	1561	GGCCCATGAGCCATGCCTTTCTGTATAGTACACATGATATTTCGGAATTGGTTTTACTG	1620
QУ	1621	$\verb TCTTCAGCAACTATTGTACAAAATGTTCACATTTAATTTTTTCTTTC$	1680
Db	1621	TTCTTCAGGAACTATTGTACAAAATGTTCACATTTAATTTTTCTTTC	1680
Qy	1681	ATATTATAAAAAGAATACTTTCTTGGTTGGGCTTTTAATCCTGTGTGTG	1740
Dib	1681	ATATTATAAAAAGAATACTTTCTTGGTTGGGCTTTTAATCCTGTGTGTG	1740
Qy	1741	GAACATGAGATGTGACATTCTAAATCTTGGGAGAAAAAATAATATTAGGAAAAAAATATT	1800
Db	1741	GANCATGAGATGTGACATTCTAAATCTTGGGAGAAAAAATAATATTAGGAAAAAAATATT	1800
Qy	1801	TATGCAGGAAGAGTAGCACTCACTGAATAGTTTTAAATGACTGAGTGGTATGCTTACAAT	1860
Db	1801	TATGCAGGAAGAGTAGCACTCACTGAATAGTTTTAAATGACTGAGTGGTATGCTTA	1860
Qy	1861	$\tt TGTCATGTCTAGATTTAAATTTTAAGTCTGAGATTTTAAATGTTTTTGAGCTTAGAAAAC$	1920
Db	1861	TGTCATGTCTAGATTTAAATTTTAAGTCTGAGATTTTAAATGTTTTTTGAGCTTAGAAAAC	1920
QУ	1921	$\tt CCAGTTAGATGCAATTTGGTCATTAATACCATGACATCTTGCTTATAAATATTCCATTGC$	1980
Db	1921	CCAGTTAGATGCAATTTGGTCATTAATACCATGACATCTTGCTTATAAATATTCCATT	1980
Qy	1981	${\tt TCTGTAGTTCAAATCTGTTAGCTTTGTGAAAATTCATCACTGTGATGTTTGTATTCTTTT}$	2040
Dib	1981	TCTGTAGTTCAAATCTGTTAGCTTTGTGAAAATTCATCACCTGTGATGTTTGTATTCT	2040
Qy	2041	TTTTTTTCTGTTTAACAGAATATGAGCTGTCTGTCATTTACCTACTTCTTTCCCACTAAA	2100
Db	2041	TTTTTTCTGTTTAACAGAATATGAGCTGTCTGTCATTTACCTACTTCTTTCCCACTA	2100
Qy	2101	TAAAAGAATTCTTCAGTTA 2119	
Db EndF:</td <td></td> <td>TAAAAGAATTCTTCAGTTA 2119</td> <td></td>		TAAAAGAATTCTTCAGTTA 2119	